Hit List

First Hit Clear Cenerate Collection Print Fwd Refs Blawd Refs

Generate OACS

Search Results - Record(s) 1 through 1 of 1 returned.

□ 1. Document ID: US 5221714 A

L13: Entry 1 of 1

File: USPT

Jun 22, 1993

US-PAT-NO: 5221714

DOCUMENT-IDENTIFIER: US 5221714 A

TITLE: Blend of rubber latices containing a hydrogenated rubber latex

DATE-ISSUED: June 22, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

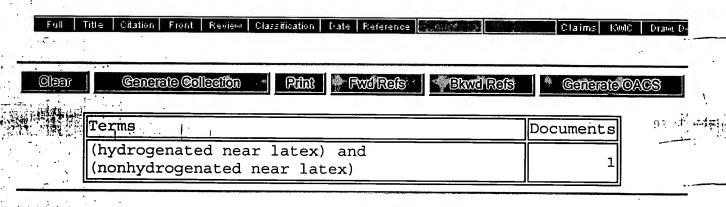
Parker; Dane K.

the state of the

Massillon

OH

US-CL-CURRENT: 525/237; 524/525, 524/526, 525/236



Display Format: - Change Format

Previous Page Next Page Go to Doc#

Refine Search

Search Results -

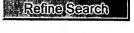
Terms	Documents
(hydrogenated near latex) and (nonhydrogenated near latex)	1

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Database:







Search History

DATE: Sunday, September 03, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	<u>Set</u> Name result set
DB = I	PGPB, USPT, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR		•
<u>L13</u>	(hydrogenated near latex) and (nonhydrogenated near latex)	1	<u>L13</u>
<u>L12</u>	(blend near hydrogenated near latex) and (nonhydrogenated near latex)	0	L12
<u>L11</u>	(blend near hydrogenated near lattex) and (nonhydrogenated near latex)	0	<u>L11</u>
	(5039737 or 5057601 or 4954614 or 4336356 or 3573246 or 2788334).pn.	14	- <u>L10</u>
<u>L9</u>	4452950.pn.	2	<u>L9</u>
	L7 and (tire or tread or (tire near tread))	-20	<u>L8</u>
<u>L7</u> .	L6 and ((average near molecular near weight))	25	<u>L7</u>
<u>L6</u>	L5 and ((vinyl near bound near content) or (vinyl near bound) or (double near bond) or (hydrogenat\$ near level))	38	<u>L6</u> —
<u>L5</u>	L4 and ((bound near styrene near content) or (styrene near content))	98	<u>L5</u>
<u>L4</u>	L3 and (hydrogenat\$2 or saturat\$2)	252	- <u>L4</u>
<u>L3</u>	L2 and ((styrene-isoprene near copolymer near rubber) or (styrene near isoprene near copolymer near rubber) or SIR)	434	<u>L3</u>

L1 and ((styrene-butadiene near copolymer near rubber) or (styrene near butadiene near copolymer near rubber) or SBR)

9616 L2

(two near conjugated near diene near rubber) or (blend two near rubbers) or (mixture near rubbers)

END OF SEARCH HISTORY

Refine Search

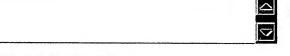
Search Results -

Terms	Documents
L14 and (hydrogenated near styrene near isoprene near copolymer)	8

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Database:











Search History

DATE: Sunday, September 03, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
DB=I	PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	_	
L15	L14 and (hydrogenated near styrene near isoprene near copolymer)	8	L15
<u>L14</u>	L13 and (bound near styrene near content)	253	<u>L14</u>
<u>L13</u>	(styrene near butadiene near copolymer) and (styrene near isoprene near copolymer)	4598	<u>L13</u> .
<u>L12</u>	L11 and ((tire near tead) or tread)	19	L12
	L4 and L7 and blend	475	<u>L11</u>
<u>L10</u>	L3 and L4 and blend	1894	<u>L10</u>
<u>L9</u>	L8 and ((tire near tread) or (pneumatic near tire))	28	<u>L9</u>
<u>L8</u>	L7 and L4	690	<u>L8</u>
<u>L7</u>	L6 and (styrene near content)	837	<u>L7</u>
<u> L6</u>	L5 and (hydrogenated or (partially near hydrogenated))	4365	<u>L6</u>
<u>L5</u>	(styrene near isoprene near copolymer) or (styrene near isoprene near block near copolymer)	10085	<u>L5</u>
		_	

<u>L4</u>	L3 and (styrene near content)	3954	<u>L4</u>	
<u>L3</u>	(styrene near butadiene near block near copolymer) or (styrene near butadiene near copolymer)	50851	<u>L3</u>	
. <u>L2</u> .	5221714	12	<u>L2</u>	
<u>L1</u>	(4946887 or 3225122 or 5221714 or 5654253 or 5804644 or 5612422 or 5700878),pn.	. 11	<u>L1</u>	

END OF SEARCH HISTORY

Refine Search

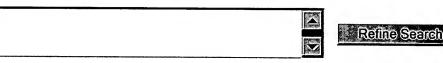
Search Results -

Terms	Documents
L8 and ((tire near tread) or (pneumatic near tire))	28

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:



Recall Text 👄





Search History

DATE: Sunday, September 03, 2006 Purge Queries Printable Copy Create Case

Set Name Query side by side DB=PGPB, USPT, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR	Hit Count	Set Name result set
L8 and ((tire near tread) or (pneumatic near tire))	20	τ.ο.
	-28	<u>L9</u>
<u>L8</u> L7 and L4	690	<u>L8</u>
L6 and (styrene near content)	837	<u>L7</u>
<u>L6</u> L5 and (hydrogenated or (partially near hydrogenated))	4365	<u>L6</u>
(styrene near isoprene near copolymer) or (styrene near isoprene near block near copolymer)	10085	<u>L5</u>
L4 L3 and (styrene near content)	3954	L4
(styrene near butadiene near block near copolymer) or (styrene near butadiene near copolymer)	50851	<u>L3</u>
Hand <u>L2</u> :: 5221714	12	<u>L2</u>
<u>L1</u> (4946887 or 3225122 or 5221714 or 5654253 or 5804644 or 5612422 or 5700878).pn.	11	<u>L1</u>

Hit List

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Search Results - Record(s) 1 through 28 of 28 returned.

□ 1. Document ID: US 20060167160 A1

L9: Entry 1 of 28

File: PGPB

Jul 27, 2006

Bland Refs

PGPUB-DOCUMENT-NUMBER: 20060167160

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060167160 A1

TITLE: Rubber composition for tire and tire made therefrom

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Nakagawa; Ryuji Tokyo JP Otoyama; Norikazu Tokyo JP

Nohara; Daisuke Tokyo JP

US-CL-CURRENT: 524/442

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KiniC Draw De

File: PGPB

☐ 2. Document ID: US 20060094831 A1

L9: Entry 2 of 28

May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060094831

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060094831 A1

TITLE: Rubber composition containing cyclic polysulfide as vulcanizer and pneumatic

tire made therefrom

PUBLICATION-DATE: May 4, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Choi; Wonmun Hiratsuka-shi JP Matsumura; Tomoyuki Hiratsuka JP Amino; Naoya Hiratsuka-shi JΡ Takase; Kazuhiro Hiratsuka JP Kanenari; Daisuke Hiratsuka JP

Hotaka; Takeshi

Hiratsuka-shi

JΡ

Natori; Junichirou

Hiratsuka

JΡ

US-CL-CURRENT: <u>525</u>/<u>331.9</u>; <u>525</u>/<u>332.6</u>, <u>525</u>/<u>337</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1300C Draws D-

☐ 3. Document ID: US 20060041049 A1

L9: Entry 3 of 28

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060041049

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060041049 A1

TITLE: Rubber composition containing block copolymer and tire having component

thereof

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Sandstrom; Paul Harry

Cuyahoga Falls

OH

US

US-CL-CURRENT: 524/492; 524/495

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims New Diraw D

△ 4. Document ID: US 20050277750 A1

L9: Entry 4 of 28 The State of the State of the File: PGPB

Dec 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050277750

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050277750 A1

TITLE: Rubber composition and pneumatic tire using the same in tread

PUBLICATION-DATE: December 15, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Masaki, Koji

Tokyo

JΡ

Hatakeyama, Yoshikatsu

Tokyo

JP

US-CL-CURRENT: <u>526</u>/<u>191</u> 2. 1 种种种种 1 H 12

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims MiniC

☐ 5. Document ID: US 20050171276 A1

L9: Entry 5 of 28

File: PGPB

Aug 4, 2005

PGPUB-DOCUMENT-NUMBER: 20050171276

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050171276 A1

TITLE: Modified polymers and compositions containing the same

PUBLICATION-DATE: August 4, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsuda, Takaaki	Kanagawa-ken		JP
Takayama, Shigeki	Tokyo		JP
Shiraki, Yoshinori	Kanagawa-ken		JP
Nakajima, Shigeo	Kanagawa-ken		JP
Kusanose, Yasuhiro	Kanagawa-ken		JP

US-CL-CURRENT: <u>524</u>/<u>572</u>

Full	Titl≞	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	1004C	Drawt D-
•												

☐ 6. Document ID: US 20050154156 A1

L9: Entry 6 of 28

* X

. No. 10.

Same to the same

File: PGPB

Jul 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050154156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050154156 A1

TITLE: Diene rubber, process for production thereof, rubber compositions, process for producing the same, and crosslinked rubbers

PUBLICATION-DATE: July 14, 2005

INVENTOR-INFORMATION:

NAME

Karato, Takeshi

Chiyoda-ku

Jp

Komatu, Masaaki

Chiyoda-ku

Jp

Takase, Kazuhiro

Hiratuka

Jp

US-CL-CURRENT: <u>526/82</u>; <u>524/495</u>, <u>524/571</u>, <u>526/335</u>

Full	Titl⊕	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	10000	Praint Di
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☐ 7. Document ID: US 20040152811 A1

L9: Entry 7 of 28

File: PGPB

Aug 5, 2004.

PGPUB-DOCUMENT-NUMBER: 20040152811

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152811 A1

TITLE: Silica-reinforced rubber compounded with an alkoxysilane and a strong

organic base

er Far

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Lin, Chenchy Jeffrey Hudson OH US Hergenrother, William L. Akron OH US Hogan, Terrence E.

US-CL-CURRENT: <u>524/261</u>; <u>524/318</u>, <u>524/493</u>, <u>524/571</u>, 525/331.9

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RodC

Akron

□ 8. Document ID: US 20030070579 A1

L9: Entry 8 of 28

File: PGPB Apr 17, 2003

OH

US

PGPUB-DOCUMENT-NUMBER: 20030070579

PGPUB-FILING TYPE: new

DOCUMENT-IDENTIFIER: US 20030070579 A1

TITLE: Preformed thermoplastic pavement marking construction

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME . CITY STATE COUNTRY

Hong, Le Hoa Monterey Park CA US Ercillo, Jesse C. Covina CA US

Ko, Chan U. Arcadia CA HS

US-CL-CURRENT: 106/31.04; 428/343

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims

☐ 9. Document ID: US 20030050408 A1

L9: Entry 9 of 28 File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050408

PGPUB-FILING-TYPE: new

M. C. March Program 1

DOCUMENT-IDENTIFIER: US 20030050408 A1

Nov 28, 2002

TITLE: Rubber compound containing a polyhedral oligomeric silsesquioxanes

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Puhala, Aaron Scott Kent OH US Zanzig, David John Uniontown OH US Holden, Brian David Cuyahoga Falls OH US Maly, Neil Arthur Tallmadge OH US

US-CL-CURRENT: 525/479

$\sum_{i=1}^{n} c_{i} = c_{i}$		
	~	
☐ 10. Document ID: US 20020177661 A1		

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20020177661

PGPUB-FILING-TYPE: new

L9: Entry 10 of 28

DOCUMENT-IDENTIFIER: US 20020177661 A1

TITLE: Gel-containing rubber compounds with multifunctional isocyanates and polyols

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Obrecht, Werner Moers DE Heiliger, Ludger Neustadt DE

US -CI - CURRENT: 525/125; 525/131

☐ 11. Document ID: US 20020120086 A1

L'9: Entry 11 of 28 File: PGPB Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120086

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120086 A1

TITLE: Quaternary polymers with functional amine groups field of the invention

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Wendling, Peter	Leverkusen	DE
Reif, Lothar	Dormagen	DE
Trimbach, Jurgen	Koln	DE
Rawlinson, Adrian	Leverkusen	DE
Peter, Rolf	Dormagen	DE

US-CL-CURRENT: <u>526</u>/<u>335</u>; <u>526</u>/<u>341</u>, <u>526</u>/<u>346</u>

	Full	Titl∈	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D	
		12.	Docum	nent ID	: US 2	002012005	2 A1							_
٠	L9:	Entry	12 of	28				File: P	GPB		Aug	29,	2002	

PGPUB-DOCUMENT-NUMBER: 20020120052

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120052 A1

TITLE: Quaterpolymers with functional hydroxyl or epoxy groups

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wendling, Peter	Leverkusen		DE
Reif, Lothar	Dormagen		DE
Trimbach, Jurgen	Koln		· DE
Rawlinson, Adrian	Leverkusen		DE
Peter, Rolf	Dormagen		DE
Engehausen, Rudiger	Dormagen		DE

ÚS-CL-CURRENT: 524/495; 526/266, 526/335, 526/341

Full	Titl∈	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	10040	Erraio, Er
•7												

13. Document ID: US 6984706 B2

L9: Entry 13 of 28

File: USPT

Jan 10, 2006

US-PAT-NO: 6984706

DOCUMENT-IDENTIFIER: US 6984706 B2

TITLE: Diene rubber, process for production thereof, rubber compositions, process for producing the same, and crosslinked rubbers

DATE-ISSUED: January 10, 2006

PRIOR-PUBLICATION:

DÖC-ID

DATE '

US 20050154156 A1

July 14, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Karato; Takeshi Tokyo JP Komatu; Masaaki Tokyo JP Takase; Kazuhiro Kanagawa JP

US-CL-CURRENT: $\underline{526}/\underline{335}$; $\underline{524}/\underline{570}$, $\underline{524}/\underline{575}$, $\underline{525}/\underline{236}$, $\underline{525}/\underline{237}$, $\underline{525}/\underline{332.5}$, $\underline{525}/\underline{332.9}$, <u>525/333.2</u>, <u>526/340</u>, <u>526/82</u>, <u>526/83</u>, <u>526/84</u>, <u>526/85</u>, <u>528/500</u>

Full Title Citation Front Review Classification Date Reference

☐ 14. Document ID: US 6908965 B2

L9: Entry 14 of 28

File: USPT

Jun 21, 2005

US-PAT-NO: 6908965

DOCUMENT-IDENTIFIER: US 6908965 B2

TITLE: Gel-containing rubber compounds with multifunctional isocyanates and polyols

DATE-ISSUED: June 21, 2005

INVENTOR-INFORMATION:

NAME ZIP CODE COUNTRY CITY STATE

Obrecht; Werner DE Moers Heiliger; Ludger Neustadt DE

US-CL-CURRENT: 525/125; 525/127, 525/131

Full Title Citation Front Review Classification Date Reference

☐ 15. Document ID: US 6852794 B2

L9: Entry 15 of 28

File: USPT

Feb 8, 2005

US-PAT-NO: 6852794

DOCUMENT-IDENTIFIER: US 6852794 B2

TITLE: Rubber compound containing a polyhedral oligomeric silsesquioxanes

DATE-ISSUED: February 8, 2005

INVENTOR-INFORMATION:

the little than I was a

NAME CITY ZIP CODE COUNTRY STATE

Puhala; Aaron Scott Kent OH Zanzig; David John Uniontown OH OH

Holden; Brian David Cuyahoga Falls Maly; Neil Arthur

Tallmadge

OH

US-CL-CURRENT: $\underline{524}/\underline{588}$; $\underline{524}/\underline{261}$, $\underline{524}/\underline{262}$, $\underline{524}/\underline{267}$, $\underline{524}/\underline{268}$, $\underline{525}/\underline{101}$, $\underline{525}/\underline{102}$, <u>525/103, 525/105, 525/106</u>

☐ 16. Document ID: US 6573412 B1

Full Title Citation Front Review Classification Date Reference

L9: Entry 16 of 28

File: USPT

Jun 3, 2003

US-PAT-NO: 6573412

DOCUMENT-IDENTIFIER: US 6573412 B1

TITLE: Chain-coupled polymeric alkoxide compounds having controlled viscosity

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME'

CITY

ZIP CODE STATE

COUNTRY

Hogan; Terrence E.

Cuyahoga Falls

OH

Hergenrothen; William L.

Akron

OH

Hall; James E.

Mogadore

OH

US-CL-CURRENT: <u>568/616</u>; <u>528/392</u>, <u>528/396</u>, <u>556/482</u>, <u>568/606</u>

Full Title Citation Front Review Classification Date Reference

☐ 17. Document ID: US 6486258 B1

L9: Entry 17 of 28

File: USPT

STATE

Nov 26, 2002

1000C

US-PAT-NO: 6486258

DOCUMENT-IDENTIFIER: US 6486258 B1

TITLE: Conjugated diene rubber composition for tire use and tire

DATE-ISSUED: | November 26, 2002

INVENTOR-INFORMATION:

NAME CITY

Kawasaki

ZIP CODE

* X . 0

COUNTRY

Noguchi; Koukichi

JP

Fukahori; Takahiko Nakamura; Masao

Kawasaki

JP

Kawasaki

JP

US-CL-CURRENT: 525/191; 525/232, 525/238, 525/241, 526/335

Full Title Citation Front Review Classification Date Reference

18. Document ID: US 6465544 B1

L9: Entry 18 of 28

File: USPT

Oct 15, 2002

US-PAT-NO: 6465544

DOCUMENT-IDENTIFIER: US 6465544 B1

TITLE: Rubber composition for tire casings based on silicas containing a reinforcing additive based on a functionalized polyorganosiloxane and on an organosilane compound

organosilane compound

DATE-ISSUED: October 15, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Bomal; Yves

Paris

FR

Durel; Olivier

Blanzat

FR

US-CL-CURRENT: <u>523/213</u>; <u>523/212</u>, <u>523/214</u>

	Full	Titl∈	Citation	Front	Review	Classification	Date	Reference	50.40 A 30.00	-deni-	Claima	1004C	Errand Er-
•													

☐ 19. Document ID: US 6448318 B1

L9: Entry 19 of 28

File: USPT

Sep 10, 2002

US-PAT-NO: 6448318

DOCUMENT-IDENTIFIER: US 6448318 B1

TITLE: Method of processing rubber compositions containing soya fatty acids,

sunflower fatty acids and mixtures thereof

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Sandstrom; Paul Harry

Tallmadge

OH

US-CL-CURRENT: 524/284; 524/599, 524/773, 524/925

Full Title Citation Front Review Classification Date Reference Notice Communication Date Reference

□ 20. Document ID: US 6372855 B1

L9 Entry |20 of 28

File: USPT

Apr 16, 2002____

US-PAT-NO: 6372855

DOCUMENT-IDENTIFIER: US 6372855 B1

TITLE: Polymer containing isobutylene as repeating unit and rubber composition containing the same

DATE-ISSUED: April 16, 2002

INVENTOR-INFORMATION:

NAME · CITY

STATE ZIP CODE

COUNTRY

Chino; Keisuke

Hiratsuka

JР

Ikawa; Masahiro

Hiratsuka

JР

Onoi; Hidekazu

Hiratsuka

JP

US-CL-CURRENT: <u>525/327.4</u>; <u>525/327.6</u>, <u>525/333.7</u>, <u>525/333.9</u>, <u>525/374</u>, <u>525/376</u>, <u>525/377</u>, <u>525/384</u>, <u>525/385</u>

Full Title Citation Front Review Classification Date Reference

☐ 21. Document ID: US 6362253 B1

L9: Entry 21 of 28

File: USPT

'Mar 26, 2002

US-PAT-NO: 6362253

DOCUMENT-IDENTIFIER: US 6362253 B1

** See image for Certificate of Correction **

TITLE: Rubber composition for tire casings based on silicas containing a reinforcing additive based on a functionalized polyorganosiloxane and on an organosilane compound

DATE-ISSUED: March 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Durel; Olivier

Blanzat

FF

US-CL_CURRENT: 523/213

Full Title Citation Front Review Classification Date Reference

☐ 22. Document ID: US 6342559 B1

L9: Entry 22 of 28

File: USPT

Jan 29, 2002

US-PAT-NO: 6342559

DOCUMENT-IDENTIFIER: US 6342559 B1

TITLE: Conjugated diene rubber, process for producing the same, and rubber composition

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME CITY

'STATE

ZIP CODE

COUNTRY

Takagishi; Yukio

Kawasaki

JP

US-CL-CURRENT: 524/492; 524/493, 526/222, 526/224

Full Title Citation Front Review Classification Cate Reference Claims 1000C Drawe De-

☐ 23. Document ID: US 6310164 B1

L9: Entry 23 of 28

File: .USPT

Oct 30, 2001

US-PAT-NO: 6310164

DOCUMENT-IDENTIFIER: US 6310164 B1

TITLE: Unsaturated copolymers, processes for preparing the same, and compositions

containing the same

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Morizono; Kenichi Waki-cho JΡ Okada; Keiji Waki-cho JP Yamaguchi; Masayoshi Waki-cho JP

US-CL-CURRENT: $\underline{526}/\underline{339}$; $\underline{524}/\underline{574}$, $\underline{524}/\underline{575}$, $\underline{526}/\underline{126}$, $\underline{526}/\underline{127}$, $\underline{526}/\underline{131}$, $\underline{526}/\underline{132}$, <u>526/134, 526/153, 526/160, 526/161, 526/340, 526/347</u>

Full Title Citation Front Review Classification Date Reference Claims 1000C Eraos Ec

☐ 24. Document ID: US 6251992 B1

L9: Entry 24 of 28

File: USPT

Jun 26, 2001

US-PAT-NO: 6251992

 $\sum_{i=1}^{n} a_i = a_i$

DOCUMENT-IDENTIFIER: US 6251992 B1

TITLE: Rubber composition containing hydroxyl terminated polyalkylene polymer and

tire with tread thereof

DATE-ISSUED: June 26, 2001

INVENTOR - INFORMATION:

NAME. CITY STATE ZIP CODE COUNTRY

Sandstrom: Paul Harry Tallmadge

US-CL-CURRENT: 525/79; 152/209.1, 152/209.5, 525/326.1, 525/331.9, 525/332.9,

<u>525/333.1</u>, <u>525/333.2</u>, <u>525/333.3</u>

Full Title Citation Front Review Classification Date Reference dation with Claims 10000

☐ 25. Document ID: US 6140393 A

L9: Entry 25 of 28

File: USPT

Oct 31, 2000

US-PAT-NO: 6140393

DOCUMENT-IDENTIFIER: US 6140393 A

** See image for Certificate of Correction **

TITLE: Rubber composition for tire casings based on silicas containing a reinforcing additive based on a functionalized polyorganosiloxane and on an

organosilane compound

DATE-ISSUED: October 31, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Bomal; Yves

Paris

FR

Durel; Olivier

Blanzat

FR

US-CL-CURRENT: <u>523</u>/<u>213</u>; <u>523</u>/<u>212</u>, <u>523</u>/<u>214</u>

Full	Titl∈	Citation	Front	Review	Classification	Date	Reference		Claims	10040	Draw, D.	
			. ;									•

☐ 26. Document ID: US 5247009 A

L9: Entry 26 of 28

File: USPT

Sep 21, 1993

US-PAT-NO: 5247009

DOCUMENT-IDENTIFIER: US 5247009 A

TITLE: Rubber composition containing rubbery polymer and modified liquid polymer

DATE-ISSUED: September 21, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Kitahara; Shizuo

Kawasaki

JΡ

US-CL-CURRENT: 524/552; 525/331.7, 525/332.3, 525/332.8, 525/332.9, 525/333.1, <u>525/333.2, 525/333.6, 525/359.3, 525/367</u> , <u>525/371</u>, 525/374

Full Title Citation Front Review Classification Date Reference Claims 1000C

☐ 27. Document ID: US 5100967 A

L9: Entry 27 of 28

File: USPT

Mar 31, 1992

US-PAT-NO: 5100967

his juma o, thalafi e

DOCUMENT-IDENTIFIER: US 5100967 A

TITLE: Statistical AB-block copolymers having improved properties, process for

their manufacture and their use

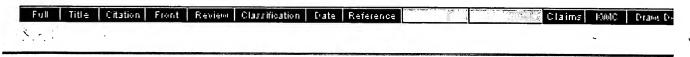
DATE-ISSUED: March 31, 1992

INVENTOR-INFORMATION:

NAME. CITY STATE ZIP CODE COUNTRY

Wolpers; Jurgen Haltern DE Herrmann; Christoph Marl DE Hellermann; Walter Dorsten

US-CL-CURRENT: <u>525/314</u>; <u>524/495</u>, <u>525/271</u>, <u>525/317</u>, <u>525/95</u>



☐ 28. Document ID: US 4743497 A

L9: Entry 28 of 28

File: USPT

May 10, 1988

DE

US-PAT-NO: 4743497

DOCUMENT-IDENTIFIER: US 4743497 A

TITLE: Laminated puncture sealing composite and preparation thereof

DATE-ISSUED: May 10, 1988

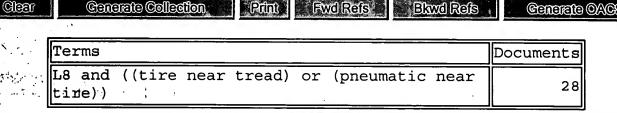
INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Thorsrud; Agmund K. Bartlesville OK

US-CL-CURRENT: 428/40.1; 152/502, 152/503, 152/504, 152/DIG.16, 156/115, 156/123, $\underline{156/308.2}$, $\underline{156/308.6}$, $\underline{428/911}$, $\underline{442/149}$, $\underline{523/166}$, $\underline{524/68}$, $\underline{524/71}$





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Previous Page Next Page Go to Doc#

Refine Search

Search Results -

Terms	Documents
L7 and (tire or tread or (tire near tread))	20

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

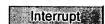
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Database:

L8 (Refine Search)

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DATE: Sunday, September 03, 2006 Purge Queries Printable Copy Create Case

Set Name Query side by side	Hit Count	Set Name result set
DB=PGPB, USPT, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR		
<u>L8</u> L7 and (tire or tread or (tire near tread))	20	<u>L8</u>
L6 and ((average near molecular near weight))	25	<u>L7</u>
L5 and ((vinyl near bound near content) or (vinyl near bound) or (double near bond) or (hydrogenat\$ near level))	38	<u>L6</u>
15 L4 and ((bound near styrene near content) or (styrene near content))	-98	<u>L5</u>
L4. L3 and (hydrogenat\$2 or saturat\$2)	252	<u>L4</u>
L2 and ((styrene-isoprene near copolymer near rubber) or (styrene near isoprene near copolymer near rubber) or SIR)	434	<u>L3</u>
L1 and ((styrene-butadiene near copolymer near rubber) or (styrene near butadiene near copolymer near rubber) or SBR)	9616	<u>L2</u>
(two near conjugated near diene near rubber) or (blend two near rubbers) or (mixture near rubbers)	301667	<u>L1</u>

END OF SEARCH HISTORY

Hit List

First Hit Clear Cenerate Collection Print Fwd Refs Blawd Refs

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Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20060128891 A1

L8: Entry 1 of 20

File: PGPB

Jun 15, 2006

10

PGPUB-DOCUMENT-NUMBER: 20060128891

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060128891 A1

TITLE: Modified block copolymer

PÜBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

\$100 · 100

NAME CITY STATE COUNTRY Kubo; Nobuaki Kawasaki-shi JΡ Kusanose; Yasuhiro Yokohama-shi JP Nakajima; Shigeo Fujisawa-shi JP Matsuda; Takaaki ... Fujisawa-shi JΡ Takayama; Shigeki Tokyo JΡ Shiraki; Toshinori Yamato-shi JP

US-CL-CURRENT: 525/88; 525/123, 525/259, 525/89

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims MMC Draw December 1985

☐ 2. Document ID: US 20060063879 A1

L8: Entry 2 of 20

File: PGPB

Mar 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060063879

PGPUB-FILING-TYPE:

DOCUMENT IDENTIFIER: US 20060063879 A1

TITLE: Tire with low volatile alcohol emission rubber tread with compositional

limitations

PUBLICATION-DATE: March 23, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY _

Zanzig; David John

Bertrange

LU

中には対象の対象にあった。

http://jupiter2:9000/bin/gate.exe?f=TOC&state=j9035.9&ref=8&dbname=PGPB,USPT,EPAB... 9/3/06

US-CL-CURRENT: <u>524/493</u>; <u>524/495</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims

☐ 3. Document ID: US 20050277750 A1

L8: Entry 3 of 20

File: PGPB

Dec 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050277750

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050277750 A1

TITLE: Rubber composition and pneumatic tire using the same in tread

PUBLICATION-DATE: December 15, 2005

INVENTOR-INFORMATION: 据比如此。

NAME

STATE

COUNTRY

Masaki, Koji

CITY Tokyo

JP

Hatakeyama, Yoshikatsu

Tokyo

US-CL-CURRENT: <u>526</u>/<u>191</u>

and whope following the con-

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims

4. Document ID: US 20050247391 A1

L8: Entry 4 of 20

File: PGPB

Nov 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050247391

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050247391 A1

TITLE: Rubber-reinforced structure

PUBLICATION-DATE: November 10, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Ikuta, Toru

Nini I

Section 1

Hyogo

US-CL-CURRENT: 152/565; 152/516, 156/110.1, 156/123

 \Box_{5} 5. Document ID: US 20050049377 A1

L8: Entry 5 of 20

Mark Links

File: PGPB

Classification Date Reference Sequences Attachments Claims

Mar 3, 2005

PGPUB DOCUMENT - NUMBER: 20050049377

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050049377 A1

TITLE: Functionalized monomers for synthesis of rubbery polymers

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Halasa, Adel Farhan Bath OH US

Hsu, Wen-Liang Cuyahoga Falls OH US

US-CL-CURRENT: <u>526/279</u>; <u>526/173</u>, <u>526/338</u>

Full	Titl∈	Citation	Front	Review	Classification	Date	Reference	Sequences	#ttachments	Claims	ROMO	Franc Eo
., 4												

☐ 6. Document ID: US 20050020753 A1

L8: Entry 6 of 20 File: PGPB

le: PGPB Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050020753

PGPUB-FILING-TYPE: new

· State of the

DOCUMENT-IDENTIFIER: US 20050020753 A1

TITLE: Light weight rubber composition containing clay

PUBLICATION DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME Ajbani, Manoj	CITY	STATE	COUNTRY	
Ajbani, Manoj	Copley	ОН	US	
Hsu, Wen-Liang	Cuyahoga Falls	ОН	US	
Halasa, Adel Farhan	Bath	ОН	US	
Lee, Ginger	Ravenna	ОН	US	
Castner, Eric Sean	Uniontown	ОН	US.	

US-CL-CURRENT: 524/445; 524/447, 524/492, 524/493, 525/326.9, 525/327.1, 525/328.3, 525/332.6

	The state of the s											
Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Konto	Draw D-

Document ID: US 20050006014 A1

L88 Entry 7 of 20 File: PGPB Jan -13, 2005

PGPUB-DOCUMENT-NUMBER: 20050006014

PGPUB-FILING TYPE: new

DOCUMENT IDENTIFIER: US 20050006014 A1

TITLE: Functionalized monomers for synthesis of rubbery polymers

PUBLICATION-DATE: January 13, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Halasa, Adel Farhan Bath OH US

Hsu, Wen-Liang Cuyahoga Falls OH US

US-CL-CURRENT: 152/209.1; 152/905, 524/571, 526/279, 526/310, 526/335, 526/346,

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw De

□ 8. Document ID: US 20040162379 A1

L8: Entry 8 of 20 File: PGPB Aug 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040162379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040162379 A1

TITLE: Light weight rubber composition containing clay

PUBLICATION-DATE: August 19, 2004

INVENTOR-INFORMATION:

of the latest the same of the

NAME CITY STATE COUNTRY Ajbani, Manoj Copley OH US Hsu, Wen-Liang Cuyahoga Falls OH US Halasa, Adel Farhan Bath OH US Lee; Ginger Ravenna OH US Castner Eric Sean Uniontown OH US

US-CL-CURRENT: <u>524/447</u>; <u>524/445</u>, <u>524/492</u>, <u>524/493</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims Roll Draw D

9. Document ID: US 20040157994 A1

L8 Entry 9 of 20 File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040157994

PGPUB-FILING-TYPE: new

And the second

建筑建设工作 1

DOCUMENT-IDENTIFIER: US 20040157994 A1

TITLE: Modified block copolymer

PUBLICATION-DATE: August 12, 2004 Control of the Contro

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

JP
JP
JP `
JР
JP
JP

US-CL-CURRENT: <u>525/88</u>; <u>525/326.1</u>

Full Title Citation Front Review Classification Date	Reference	Sequences	Attachments	Claima	10000	Drawe Ex-
□ 10. Document ID: US 20040063884 A1						
L8: Entry 10 of 20	File:	PGPB		Apr	1.	2004

PGPUB-DOCUMENT-NUMBER: 20040063884

PGPUB-FILING-TYPE: new

DOCUMENT IDENTIFIER: US 20040063884 A1

TITLE: Functionalized monomers for synthesis of rubbery polymers

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY
Halasa, Adel Farhan Bath OH US
Hsu, Wen-Liang Cuyahoga Falls OH US

US-CL-CURRENT: 526/279; 526/310, 526/335, 526/346, 556/465

Full	Title	Citation	Frent	Review	Classification	Date	Reference	Sequences	Attachments	Claims	10010	Drang De

11. Document ID: US 20040024093 A1

L8, Entry 11 of 20

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024093

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040024093 A1

TITLE: Starch composite reinforced rubber composition and tire with at least one component thereof

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

数数数据通过数位3000 [11]

NAME

CITY STATE COUNTRY

Weydert, Marc

Luxembourg

Lu

Frank, Uwe Ernst

Marpingen

DE

Zimmer, Rene Jean

Howald

LU

(A) (1) (1) (1) (1) (1)

Corvasce, Filomeno Gennaro

Mertzig

LU

US-CL-CURRENT: 524/47; 524/493, 524/502

Full	Title	Citation	Front	Review	Classification	Crate	Reference	Sequences	Attachments	Claims	RođC	Draw, D.	

☐ 12. Document ID: US 20030004250 A1

L8: Entry 12 of 20

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004250

PGPUB-FILING TYPE: new

DOCUMENT-IDENTIFIER: US 20030004250 A1

TITLE: Light weight rubber composition containing clay

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME.

Ajbani, Manoj

Hsu, Wen-Liang

Halasa, Adel Farhan

Lee, Ginger

Castner, Eric Sean

CITY STATE COUNTRY Copley OH US Cuyahoga Falls OH US Bath OH US Ravenna OH US Uniontown OH US

US-CL-CURRENT: <u>524/445</u>; <u>524/548</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw D

☐: 13. Document ID: US 7055566 B2

L8: Entry 13 of 20

File: USPT

Jun 6, 2006

US-PAT-NO: 7055566

DOCUMENT-IDENTIFIER: US 7055566 B2

TITLE: Light weight rubber composition containing clay

DATE-ISSUED: June 6, 2006

PRIOR PUBLICATION:

A Company of the company

DOC-ID

DATE

US 20050020753 A1

January 27, 2005

INVENTOR-INFORMATION:

NAME Ajbani, Manoj

CITY Copley STATE ZIP CODE

COUNTRY

Hsu; Wen-Liang

Cuyahoga Falls

OH OH US US

Control Harmon

Halasa; Adel Farhan

Bath

Full Title Citation Front Review Classification Date Reference

ОН

Lee; Ginger

Ravenna

ОН

US

Castner; Eric Sean

Uniontown

ОН

US US

US-CL-CURRENT: 152/209.5; 152/209.1, 152/905, 524/445, 524/447, 524/492, 524/493

☐ 14. Document ID: US 7041761 B2

: L8: Entry 14 of 20

File: USPT

May 9, 2006

US-PAT-NO: 7041761

March 18 Company

DOCUMENT-IDENTIFIER: US 7041761 B2

. ;

TITLE: Functionalized monomers for synthesis of rubbery polymers

DATE-ISSUED: May 9, 2006

PRIOR PUBLICATION:

DOCTID

DATE

US 20050049377 A1

March 3, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

.. Claims 1000C

Halasa; Adel Farhan

Bath

Full Title Citation Front Review Classification Date Reference

OH

US

Hsu; Wen-Liang

Cuyahoga Fails

ОН

US

US-CL-CURRENT: <u>526/279</u>; <u>526/338</u>

15. Document ID: US 6901982 B2

L8 Entry 15 of 20

File: USPT

Jun 7, 2005

US-PAT-NO: 6901982

DOCUMENT IDENTIFIER: US 6901982 B2

The state of the s

TITLE: Functionalized monomers for synthesis of rubbery polymers

DATE-ISSUED: June 7, 2005

INVENTOR INFORMATION:

ME ? . Pri pa

CITY

STATE ZIP CODE

COUNTRY_

Halasa: Adel Farhan

Bath

OH

Hsu: Wen-Liang

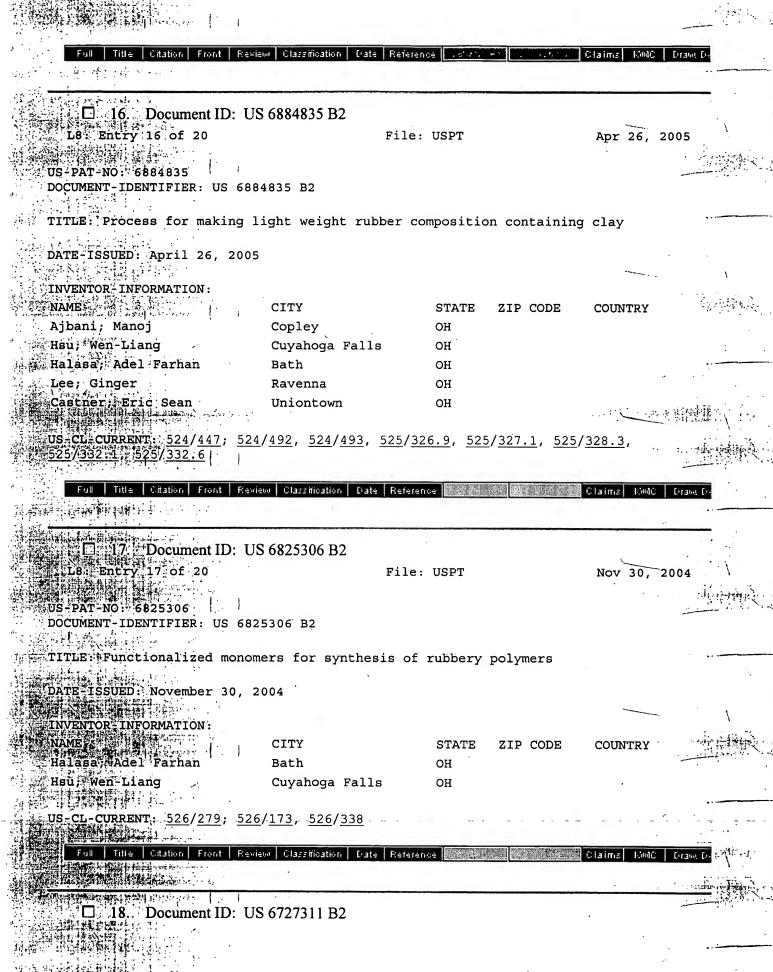
. Cuyahoga Falls

ОН

US-CL-CURRENT: 152/450; 524/547, 526/279, 526/338

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containing the same

DATE-ISSUED: April 16, 2002

INVENTOR-INFORMATION:

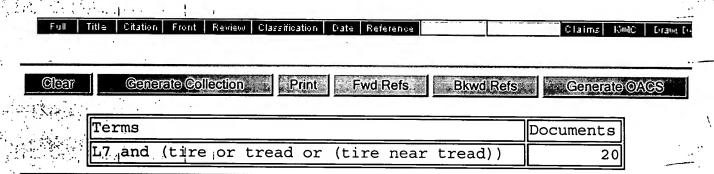
NAME CITY STATE ZIP CODE COUNTRY

Chino; Keisuke Hiratsuka Jp Ikawa; Masahiro Hiratsuka Jp

Onoi; Hidekazu Hiratsuka Jp

US-CL-CURRENT: 525/327.4; 525/327.6, 525/333.7, 525/333.9, 525/374, 525/376,

<u>525/377, 525/384</u>, <u>525/385</u>



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Previous Page Next Page Go to Doc#



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